

Safety, Environmental, and Mission Assurance (SEMA)

SEMA consist of three main areas:

(1). Environmental Services which supports effective environmental protection through pollution prevention, compliance, restoration, conservation, and sustainability; (2). Occupational Safety, Industrial Hygiene and Medical Services which supports the occupational safety and industrial hygiene as well as medical services to minimize the risk of harm to personnel; and (3). Systems Safety and Mission Assurance supporting the execution and administration of safety, reliability, maintainability, risk management, and quality disciplines to ensure the success of programs and projects.

Environmental Services consist of:

- Conservation
 - NEPA
 - Natural Resources Management
 - Wetlands
 - Cultural Resources Management
- Pollution Prevention
- Hazardous Materials Management
- Hazardous Waste Management
- Drinking Water
- Air Quality
- Environmental Management
- Sustainability
- PCB Management
- Industrial Wastewater Management
- Spill Prevention, Control, and Countermeasures
- Stormwater System Management and Permit Compliance

Occupational Safety, Industrial Hygiene and Medical Services consist of:

- Industrial Hygiene
- Health Physics
- Occupational Safety
- Construction Safety Engineering
- Fire Protection Engineering
- Voluntary Protection Program
- Injury/Illness Data Analysis
- Occupational Medicine
- Fitness Center Operations
- Employee Assistance Program (EAP)
- Emergency Response (hazardous material releases)
- Safety and Health Training
- Computer Support for Safety and Health Data Bases

System Safety and Mission Assurance consists of:

- System Safety
- Quality Assurance
- Software Assurance
- Risk Management
- Reliability and Maintainability
- Probabilistic Risk Assessment
- Workmanship
- Quality Management Systems